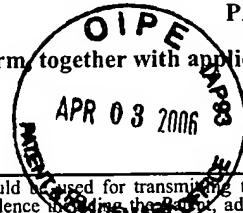


04-05-06

## PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 or Fax (571) 273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the return address, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

30623 7590 01/17/2006

MINTZ, LEVIN, COHN, FERRIS, GLOVSKY  
 AND POPEO, P.C.  
 ONE FINANCIAL CENTER  
 BOSTON, MA 02111

04/06/2006 RMEBRAH1 00000009 10650530

01 FC:2501 700.00 OP  
 02 FC:8001 30.00 OP

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

## Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)

(Signature)

(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/650,530	08/28/2003	Shariar Motakef	23681-014	8755

TITLE OF INVENTION: HIGH-PURITY CRYSTAL GROWTH

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$700	\$0	\$700	04/17/2006
EXAMINER	ART UNIT		CLASS-SUBCLASS		
HITESHEW, FELISA CARLA	1722		117-084000		

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.563).

Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
 "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

Mintz, Levin, Cohn, Ferris,  
 2Glovsky and Popeo, P.C.

3. Shane H. Hunter

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type).

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

Cape Simulations, Inc.

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Natick, MA

Please check the appropriate assignee category or categories (will not be printed on the patent):  Individual  Corporation or other private group entity  Government

4a. The following fee(s) are enclosed:

Issue Fee  
 Publication Fee (No small entity discount permitted)  
 Advance Order - # of Copies 10 (ten)

4b. Payment of Fee(s):

A check in the amount of the fee(s) is enclosed.  
 Payment by credit card. Form PTO-2038 is attached.  
 The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number \_\_\_\_\_ (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

A handwritten signature of Shane H. Hunter in black ink.

Date April 3, 2006

Typed or printed name

Shane H. Hunter

Registration No. 41,858

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



Express Mail No. EV 538962506 US  
Date of Deposit: April 3, 2006

Attorney Docket No. 23681-014

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Shariar Motakef et al.  
Serial No.: 10/650,530  
Filed: August 28, 2003  
For: High Purity Crystal Growth  
Examiner: Hiteshew, Felisa Carla  
Group Art: 1722  
Notice of Allowance Dated: January 17, 2006

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

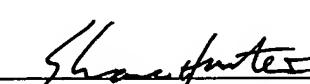
**TRANSMITTAL LETTER**

Transmitted herewith for filing in the present application are the following documents:

1. Response to Notice of Allowance [1 page];
2. Issue Fee Transmittal Form PTOL-85 [1 page];
3. Check # 22258 in the amount of \$700.00 in payment of issue fee;
4. Check # 22260 in the amount of \$30.00 in payment of ten (10) advanced order of patents; and
5. Return Postcard.

If the enclosed papers are considered incomplete, the Mail Room is respectfully requested to contact the undersigned collect at (617) 542-6000, Boston, Massachusetts. The Commissioner is authorized to credit any overpayment or charge any deficiencies to Deposit Account No. 50-0311, Reference No. 23681-014. A duplicate copy of this Transmittal Letter is enclosed.

Respectfully submitted,

  
\_\_\_\_\_  
Shane H. Hunter, Reg. No. 41,858  
Attorney for Applicants  
Mintz, Levin, Cohn, Ferris,  
Glovsky and Popeo, P.C.  
One Financial Center  
Boston, MA 02111  
Telephone 617/348-1765  
Customer No. 30623

Dated: April 3, 2006



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Mail Stop ISSUE FEE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO NOTICE OF ALLOWANCE AND ISSUE FEE DUE**

Sir:

In response to the Notice of Allowance and Fee(s) Due, mailed December 19, 2005, the following is submitted herewith for filing in the above-referenced application:

1. Part B of Form PTOL-85 (Fee(s) Transmittal) (1pg.);
2. Check No. 22258 in the amount of \$700.00 for the issue fee;
3. Check No. 22260 in the amount of \$30.00 for advanced order for 10 soft copies; and
4. Return Postcard.

These fees are due on or before March 20, 2006. Accordingly, this submission is timely filed. Although no other fees are believed due, the Commissioner is hereby authorized to charge any additional fees that may be due, or to credit any overpayment to Account No. 50-0311, Ref. No. 23681-014. An extra copy of Part B of Form PTOL-85 is enclosed for this purpose.

Respectfully submitted,

  
\_\_\_\_\_  
Shane H. Hunter, Reg. No. 41,858  
Attorney for Applicants  
Mintz, Levin, Cohn, Ferris,  
Glovsky and Popeo, P.C.  
One Financial Center  
Boston, MA 02111  
Telephone 617/348-1765  
Customer No. 30623

Dated: April 3, 2006